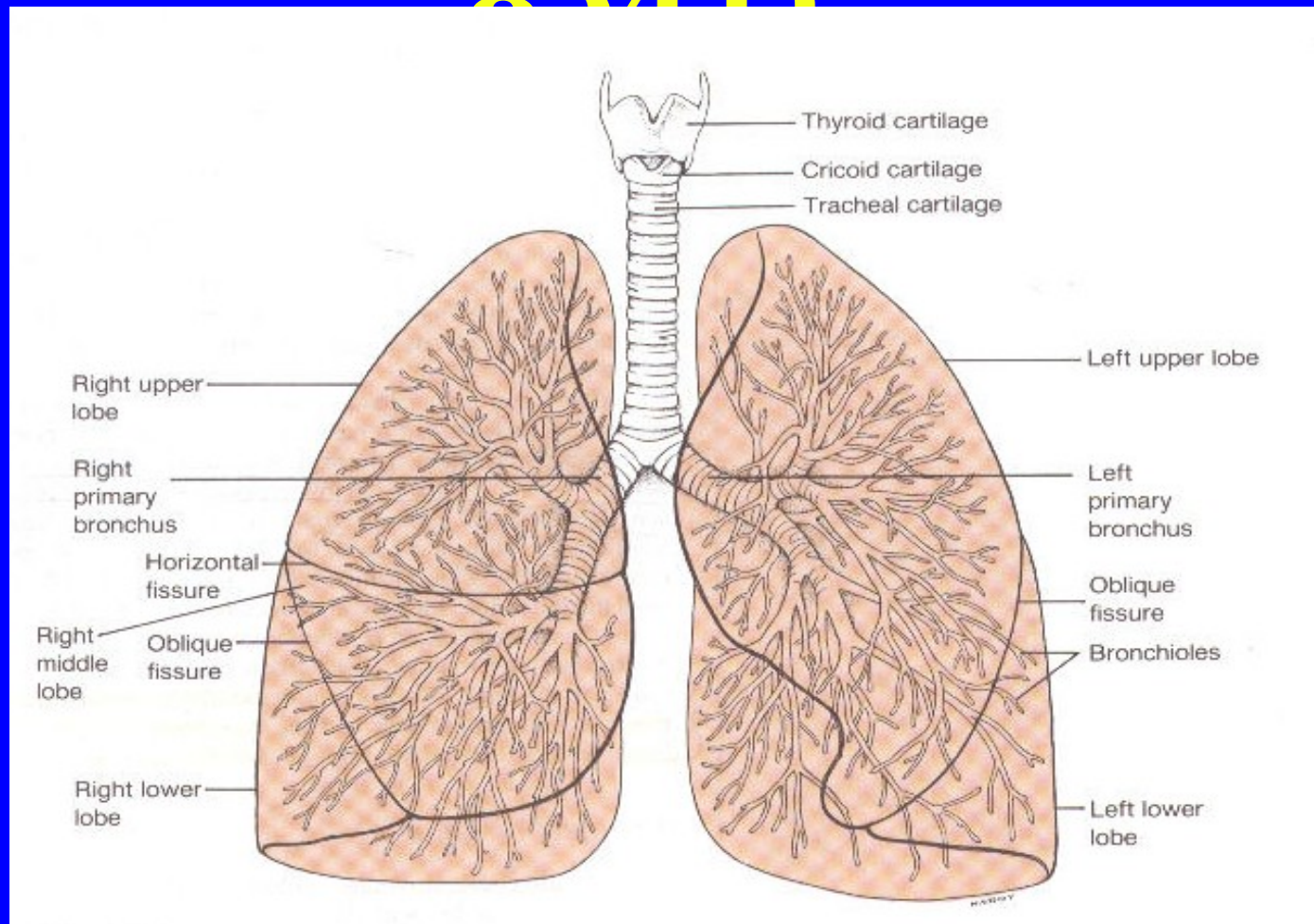


Respiratory Therapy Technician (NEC HM-8541)





Respiratory Therapy Technician (NEC HM- 8541)

Program Overview &
Requirements

Program Overview

- ▶ **Naval School of Health Sciences Detachment, Fort Sam Houston, San Antonio, Texas**
16 weeks - Didactic Phase
- **Naval School of Health Sciences, San Diego, CA**
16 weeks - Clinical Phase

NEC 8541 Program Cont.

Program instruction to include:

➤ **Anatomy and Physiology**

▮ **Algebra**

▮ **Microbiology**

▮ **Chemistry**

▮ **Physics**

▮ **Pharmacology**

▮ **Gas Therapy**

➤ **Oxygen systems**

▮ **Airway Management**

▮ **Clinical Medicine**

▮ **Cardiopulmonary Physiology**

▮ **Ventilation Therapy**

▮ **Gas Law**

Operate the Following Critical Care Devices

- Arterial Blood Gas Analyzers
- ▢ CPAP Machines
- ▢ Sleep Diagnostic Equipment
- ▢ Ventilators:
- ▢ Adult / Neonate
- ▢ High Frequency

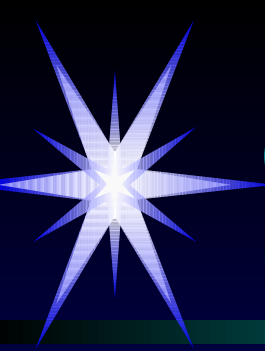




Fleet Surgical Teams

CONUS RT Duty Locations





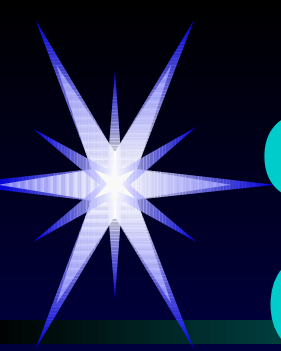
OCONUS RT Duty Locations

- Naples Italy
- Sigonella, Sicily



Rota, Spain





OCONUS RT Locations (cont.)

► Guam



Okinawa,
Japan

Yokuska,

Care MEDEVAC Operations



During Critical Care MEDEVAC Operations, you'll work hand in hand with the physician and flight nurse to provide life supportive care to ventilated patients

Aeromedical Evacuations

Provide Critical Care in flight within theatre of operations:



- Monitor patient ventilation status, maintain vital airway
- ▮ Continuous observation and recommendation to MD
- ▮ Plan, prepare for and anticipate ventilatory changes

Become a Leader in the Critical Care Environment

- ▶ **Along with the Physician, aid in determining the course of patient care through providing input on CardioPulmonary dynamics**
- ▣ **Provide input to establishing standards of practice that ensure the best outcomes for those most in need.**
- ▣ **Lead and attend In-Service Training as the Subject Matter Expert (SME) for Respiratory solutions in: EMT training, CPR training and HM development.**

Professional Organizations

Upon successful completion of NEC 8541 school,
you are eligible to take the credentialing exam
to become a:

***National Board for Respiratory Care
Certified Respiratory Therapist***

Your are then eligible to become a member of the:

***American Association for Respiratory
Care***

or

American Thoracic Society

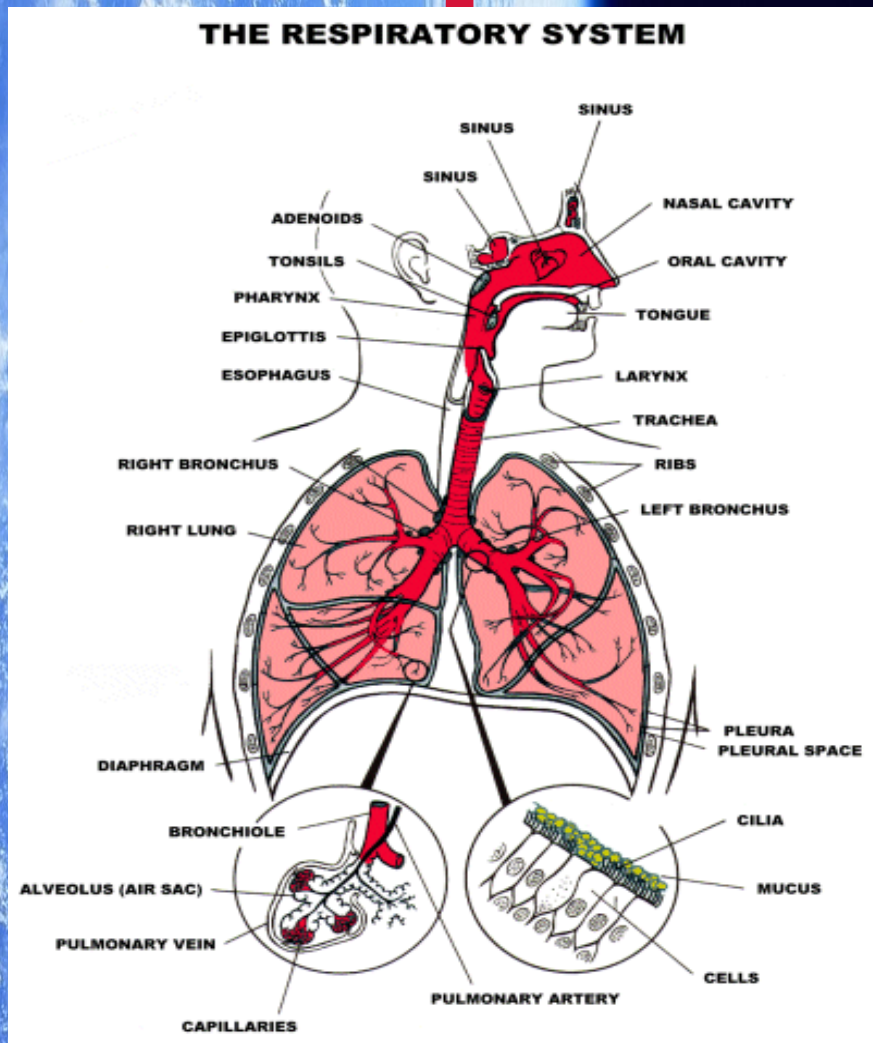
Advanced Training Pathways

Upon certification, you can go on to become a:



- ▶ **Registered Respiratory Therapist and receive your AAS degree with only 15 additional college credit hours required!**
- **Become a Neonatal Intensive Care Specialist, Pulmonary Function Specialist, Polysomnographer, CardioPulmonary Rehab Specialist, or Home Care Therapist**

Program Requirements



- ▶ **HM after first tour**
- **Meet the Navy PFA standards**
- **No NJP last 18 months**
- **Strong candidates will:**
have completed Algebra with "C" or better and science background
- **Demonstrated an interest by seeking out additional OJT RT training**
- **Have strongly written letter of recommendation by a representative from the RT community or physician**
- **Meet all requirements of the MILPERSMAN**

Why become an 8541?



- **The chance to make a critical difference. To provide emergent and on going care from the ER, to the ICU, to the NICU, and at all levels in between!**
- ▮ **Extra Selective Reenlistment bonus up to \$30,000.00**
- ▮ **Additional opportunity for advancement to the next pay grade through the STAR program.**
- ▮ **45 College credit hours! (through Thomas Edison College)**

Questions ?



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ETL